

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Page 1 of 3

ATTY. DOCKET NO. DI-9-1

SERIAL NO. 101670,695  
not yet assigned

APPLICANT Wayne A. Jensen, Michael R. Lappin, David K. Rosen,  
and Janet S. Andrews

FILING DATE September 25, 2003

GROUP 1648

U.S. PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLS	SUB-CLS	FILE DATE
LWH	A1	4,313,734	Feb. 2, 1982	Leuversing	23	230 B	
	A2	4,366,241	Dec. 28, 1982	Tom et al.	435	7	
	A3	4,469,787	Sep. 4, 1984	Woods et al.	435	7	
	A4	4,623,461	Nov. 18, 1986	Hossom et al.	210	445	
	A5	4,632,901	Dec. 30, 1986	Valkirs et al.	435	5	
	A6	4,693,834	Sep. 15, 1987	Hossom	210	767	
	A7	4,727,019	Feb. 23, 1988	Valkirs et al.	435	5	
	A8	4,775,636	Oct. 4, 1988	Moeremans et al.	436	518	
	A9	4,853,335	Aug. 1, 1989	Olsen et al.	436	527	
	A10	4,855,240	Aug. 8, 1989	Rosenstein et al.	436	514	
	A11	4,859,612	Aug. 22, 1989	Cole et al.	436	523	
	A12	4,923,680	May 8, 1990	Nelson	422	58	
	A13	4,939,096	Jul. 3, 1990	Tonelli	435	5	
	A14	4,962,023	Oct. 9, 1990	Todd et al.	435	7	
	A15	4,965,187	Oct. 23, 1990	Tonelli	435		
	A16	4,999,163	Mar. 12, 1991	Lennon et al.	422	58	
	A17	5,006,464	Apr. 9, 1991	Chu et al.	435	7.1	
	A18	5,120,643	Jun. 9, 1992	Ching et al.	435	7.92	
	A19	5,137,804	Aug. 11, 1992	Greene et al.	435	5	
	A20	5,141,850	Aug. 25, 1992	Cole et al.	436	525	
	A21	5,202,267	Apr. 13, 1993	Ditlow et al.	436	525	
	A22	5,202,268	Apr. 13, 1993	Kuhn et al.	436	525	
	A23	5,223,220	Jun. 29, 1993	Fan et al.	422	58	
	A24	5,256,372	Oct. 26, 1993	Brooks et al.	422	58	
	A25	5,391,272	Feb. 21, 1995	O'Daly et al.	204	153.12	
	A26	5,391,478	Feb. 21, 1995	Greene et al.	435	5	
	A27	5,356,785	Oct. 18, 1994	McMahon et al.	435	7.92	
	A28	5,418,171	May 23, 1995	Kimura et al.	436	518	

EXAMINER

/Louise Humphrey/

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04/27/2006

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	<b>FILING DATE</b> September 25, 2003	<b>GROUP</b>

U.S. PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLS	SUB-CLS	FILE DATE
LWH	A29	5,541,059	Jul. 30, 1996	Chu	435	5	
	A30	5,552,276	Sep. 3, 1996	Mochida et al.	435	6	
	A31	5,561,049	Oct. 1, 1996	Vold et al.	435	7.1	
	A32	5,571,667	Nov. 5, 1996	Chu et al.	435	5	
	A33	5,591,645	Jan. 7, 1997	Rosenstein	436	514	
	A34	5,622,871	Apr. 22, 1997	May et al.	436	514	
	A35	5,656,503	Aug. 12, 1997	May et al.	436	514	
	A36	5,679,526	Oct. 21, 1997	Buechler et al.	435	7.1	
	A37	5,714,389	Feb. 3, 1998	Charlton et al.	436	514	
	A38	5,726,010	Mar. 10, 1998	Clark	435	5	
	A39	5,726,013	Mar. 10, 1998	Clark	435	5	
	A40	5,750,333	May 12, 1998	Clark	435	5	
	A41	5,759,774	Jun. 2, 1998	Hackett et al.	435	2	
	A42	5,766,933	Jun. 16, 1998	El Shami et al.	435	287.2	
	A43	5,821,073	Oct. 13, 1998	Lee	435	7.92	
	A44	5,851,776	Dec. 22, 1998	Valkirs	435	7.1	
	A45	5,872,013	Feb. 16, 1999	Leunissen et al.	436	525	
	A46	5,888,826	Mar. 30, 1999	Ostgaard et al.	436	69	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATIONS							
EXAM. INITIAL		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLS	SUB-CLS	TRANS ?
LWH	B1	WO 85/05451	5 Dec. 1985	PCT			
	B2	WO 99/12038	11 Mar. 1999	PCT			
	B3	0 158 746 B1	12 Jun. 1991	EP			
	B4	0 180 638 B1	13 Jan. 1993	EP			

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OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)		
LWH	C1	Clark et al., 1991, <i>JAVMA</i> , Vol. 199, No. 10, pp. 1433-1443
	C2	Dawson et al., 1998, <i>J Vet Diagn</i> , Vol. 10, pp. 315-319
	C3	Fiscus et al., 1985, <i>Am J Vet Res</i> , Vol. 46, No. 4, pp. 859-863
	C4	Fontenot et al., 1992, <i>Journal of Clinical Microbiology</i> , Vol. 30, No. 7, pp. 1885-1890
	C5	Hill et al., 1995, <i>Am J Vet Res</i> , Vol. 56, No. 9, pp. 1181-1187
	C6	Hofmann-Lehmann et al., 1995, <i>Veterinary Immunology and Immunopathology</i> , Vol. 46, pp. 127-137
	C7	Hoover et al., 1996, <i>Aids Research and Human Retroviruses</i> , Vol. 12, pp. 379-383
	C8	Ikeda et al., 1998, <i>J. Vet. Med. Sci.</i> , Vol. 60, No. 8, pp. 973-974
	C9	Lau et al., 1992, <i>Veterinary Microbiology</i> , Vol. 31, pp. 139-146
	C10	Marciani et al., 1991, <i>Vaccine</i> , Vol. 9, pp. 89-96
	C11	McCaw et al., 1998, <i>JAVMA</i> , Vol. 213, No. 1, pp. 72-75
	C12	Osterhaus et al., 1989, <i>Vaccine</i> , Vol. 7, pp. 137-141
	C13	Scott et al., 1997, <i>Feline Practice</i> , Vol. 25, No. 4, pp. 12-19
	C14	Scott et al., 1999, <i>AJVR</i> , Vol. 60, No. 5, pp. 652-658
	C15	Spencer et al., 1991, <i>Journal of Wildlife Diseases</i> , Vol. 27, No. 4, pp. 578-583
	C16	Spencer et al., 1992, <i>Journal of Wildlife Diseases</i> , Vol. 28, No. 1, pp. 102-104
	C17	Waner et al., 1996, <i>J Vet Diagn Invest</i> , Vol. 8, pp. 427-432
	C18	Yagami et al., 1985, <i>Exp. Anim.</i> , Vol. 34, No. 3, pp. 287-293
	C19	Knapp, et al., 1999, <i>Vaccine</i> , Vol. 17, pp. 1663-1666
	C20	Bouche, et al., 1998, <i>Journal of Virological Methods</i> , Vol. 74, pp. 77-87
	C21	Spatz, et al., 1993, <i>Virology</i> , Vol. 197, pp. 125-136
	C22	Wild, et al., 1993, <i>Vaccine</i> , Vol. 11, Issue 4, pp. 438-444
	C23	Ekins, 1989, <i>Journal of Pharmaceutical and Biomedical Analysis</i> , Vol. 7, No. 2, pp. 155-168
	C24	Hofmann-Lehmann, et al., 1996, <i>Clinical and diagnostic laboratory immunology</i> , Sep., pp. 554-562
	C25	Maeda, et al., 1997, <i>Virus Genes</i> , Vol. 42, No. 2, pp. 105-109
	C26	Carter, et al., 1992, <i>Virology</i> , Vol. 190, pp. 443-448
	C27	Carlson, et al., 1985, <i>Journal of Virology</i> , Vol. 55, No. 3, pp. 574-582
	C28	Prud'homme, et al., 1997, <i>Can J Vet Res</i> , Vol. 61, pp. 286-291
	C29	Carlson, et al., June 30, 1987, Genbank Accession No. A03701
	C30	Maeda, et al., Nov. 1, 1998, EMBL Accession No. 090731
	C31	Carter, et al., June 30, 1993, Genbank Accession No. B43382

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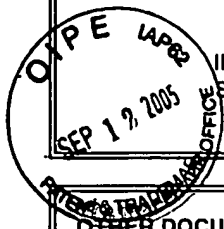
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**OTHER DOCUMENTS** (Including Author, Title, Date, Relevant Pages, Place of Publication)

LWH	C32	Antech Diagnostics <i>News</i> , April 1998 Newsletter, "Changing Vaccine Protocols"
	C33	Drane, et al., 1994, <i>Vet Microbiol</i> , Vol. 41, No. 3, pages 293-302, Abstract
	C34	Esfandiari, et al., 2000, <i>Vet Med B Infect Dis Vet Public Health</i> , Vol. 47, No. 2, pages 145-153, Abstract
	C35	Harrenstien, et al., 1997, <i>J Wildl Dis</i> , Vol. 33, No. 3, pages 600-605, Abstract.
	C36	Messling, et al., 1999, <i>Journal of Clinical Microbiology</i> , Vol. 37, No. 4, pages 1049-1056
	C37	Rohowsky-Kochan, et al., 1995, <i>Neurology</i> , Vol. 45, pages 1554-1560
	C38	Olson, et al., 1996, <i>Acta Vet Scand</i> , Vol. 37, No. 4, pages 433-443, Abstract
	C39	Olson, et al., 1988, <i>Am J Vet Res</i> , Vol. 49, No. 9, pages 1460-1466, Abstract

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OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)			
LWH	C40	Appel, et al., 1984, <i>Archives of Virology</i> , Vol. 82, pages 73-82	
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